

RAW SEQUENCE LISTING

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Application Serial Number:

09/813,214.0

Source:

IFN16

Date Processed by STIC:

2-1-05

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IFW16

RAW SEQUENCE LISTING

DATE: 02/01/2005

PATENT APPLICATION: US/09/813,214D

TIME: 11:22:30

Input Set : A:\SEQ LIST 089US.txt

Output Set: N:\CRF4\02012005\I813214D.raw

3 <110> APPLICANT: Tucker, Kenneth
 4 Plosila, Laura
 6 <120> TITLE OF INVENTION: Moraxella catarrhalis outer membrane proteins-106 polypeptide,
 7 gene sequence and uses thereof.
 9 <130> FILE REFERENCE: 089-999
 11 <140> CURRENT APPLICATION NUMBER: 09/813214D
 12 <141> CURRENT FILING DATE: 2001-03-20
 14 <150> PRIOR APPLICATION NUMBER: 08/968685
 15 <151> PRIOR FILING DATE: 1997-11-12
 17 <160> NUMBER OF SEQ ID NOS: 20
 19 <170> SOFTWARE: PatentIn version 3.3
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 22 <211> LENGTH: 43
 23 <212> TYPE: PRT
 24 <213> ORGANISM: Moraxella catarrhalis
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 29 1 5 10 15
 32 Gly Asp Lys Ser Ile Ala Ile Gly Asp Ile Ala Gln Ala Leu Gly Ser
 33 20 25 30
 36 Gln Ser Ile Ala Ile Gly Asp Asn Lys Ile Val
 37 35 40
 40 <210> SEQ ID NO: 2
 41 <211> LENGTH: 8
 42 <212> TYPE: PRT
 43 <213> ORGANISM: Moraxella catarrhalis
 45 <400> SEQUENCE: 2
 47 Gly Thr Val Leu Gly Gly Lys Lys
 48 1 5
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 52 <211> LENGTH: 24
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 54 <213> ORGANISM: Artificial Sequence
 56 <220> FEATURE:
 57 <223> OTHER INFORMATION: oligonucleotide PCR primer
 60 <220> FEATURE:
 61 <221> NAME/KEY: misc_feature
 62 <222> LOCATION: (1)..(24)
 63 <223> OTHER INFORMATION: n is a, c, g, or t
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 70 <211> LENGTH: 72

(ps, 6)

24

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77 gacattgcgc aa                                           72
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81 <211> LENGTH: 24
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83 <213> ORGANISM: Moraxella catarrhalis
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141 attcattcaa gtgatgtgtt tgtatacgca ccatttacc ctaattatttc aatcaaattgc      180
143 ctatgtcagc atgtatcatt ttttaaggta aaccaccatg aatcacatct ataaagtcat      240
145 ctttaacaaa gccacaggca catttatggc cgtggcggaa tatgccaaat cccacagcac      300
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155	caaaatagtt	cataattcaa	ataataatgc	taatataagg	gccaaagcct	caggtaatga	600
157	gtccatcgcc	atcgggtggtg	atgtattggc	ttctgggtcat	gcctcgattg	ccatcggtag	660
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PATENT APPLICATION: US/09/813,214D

DATE: 02/01/2005
TIME: 11:22:31

Input Set : A:\SEQ LIST 089US.txt
Output Set: N:\CRF4\02012005\I813214D.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 3,6,9,12,15,18 ✓

Seq#:6; N Pos. 7,10,13,16,19,22

Seq#:7; N Pos. 3,6,9,15,18

Seq#:13; N Pos. 6,12,15

Seq#:14; N Pos. 4,13

VERIFICATION SUMMARY

DATE: 02/01/2005

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Input Set : A:\SEQ LIST 089US.txt

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L:66 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:110 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:128 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:1077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:1095 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0